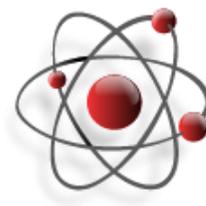


Chemistry Syllabus



Instructor: Dr. Heffern Room: 108 Lab Room: 101
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Course Description

Welcome to the exciting world of Chemistry! I am thrilled to be your instructor this year as we grow and achieve together. The course is designed to study how the world around us really works. The curriculum will cover a vast array of topics, and we will approach material through inquiry, developing analysis and problem solving skills whenever possible.

Some essential questions we will work to answer include:

- How does chemistry help us decode the universe?
- How can we learn information about things we can't see?
- How are things so different if they are made from the same building blocks?
- How does chemistry explain the links between the macroscopic (big) and nanoscopic (tiny) world?

Skills we will learn and build include:

Conduct an experiment	Organize data	Scientific communication	Solve word problems
Design an experiment	Evaluate experiments	Analyze and interpret data	Scientific number sense

Class Policies and Expectations: To succeed in this class, you will need to be organized, disciplined, and dedicated. However, the end goal is worth it. A solid chemistry foundation will prepared you for future math and science classes at DSST and in college.

- Students are expected to follow the core values as well as abide by all school rules while in class. Should there be any question to these expectations, please refer to your student handbook. In addition, students are expected pay attention to assignment dates, due dates, and test dates. Should there ever be a question about these expectations, please do not hesitate to ask.
 - Keep all bags and backpacks under your chair or desk so no one trips. If you can, leave your backpack in your locker and only bring needed binder and supplies.
 - No food or drink (except water) – this is so you don't accidentally ingest laboratory chemicals!
 - I have zero tolerance for lab horseplay – students may be sent to the reflection table or dean

Required Materials: Required materials need to be brought to class starting **Thursday, August 24th**. These materials are required in class **every day**, or you will be considered unprepared. If you need help getting supplies for any reason, let me know so we can get you hooked up!

Supplies	Rationale
Three Ring Binder (small) with looseleaf paper OR Chemistry only notebook AND chemistry only folder -	We will keep all of our resources in this binder/folder! Periodic tables, etc. Everything will need to be stored in one easily accessible location. You will take notes daily in either your notebook or your binder, and complete homework in the binder. A binder is preferable over a folder so you can more easily categorize and sort your materials. It's also a lot better at keeping everything in one happy place!
2 sharpened pencils/erasers or pens	Sometimes you make mistakes (me too!), so it's awesome to be able to erase. Why two? Sharpening pencils is distracting and takes away from your time learning – It's way better to just be ready to go.
Laptop and a power cord	We will be using Onenote. Your materials for class will all be on the computer. Many of your mastery checks will be on the computer. You want to be ready to go. I will not be printing extra papers.
A smile, as best you can do on any given day.	A smile makes the world a better place and will help you remember how awesome learning chemistry can be.

Responsibility ♦ Respect ♦ Curiosity ♦ Courage ♦ Integrity ♦ Doing Your Best

Chemistry Syllabus



Grading System

Letter Grades	
A+: 99-100	A: 90-98
B+: 88-89	B: 80-87
C+: 78-79	C: 70-77

Category	%	Types of Assignments
Practice and Participation	30%	homework, catalyst, class work
Formative	20%	quizzes, labs, presentations
Summative	30%	lab practicals, oral exams, projects, tests
Final Exam	20%	comprehensive exam

Classwork:

If a student is absent, the black file box to the right of the paper pick-up station has extra printed handouts. According to DSST policy, for each day a student is absent, a student receives an extra day to turn in missing work. *This does not include homework that was assigned when the student was present – please turn that in the day you come back.* Students should get notes and class work from a classmate before or after class. After getting those materials, if a student still needs assistance, I am glad to assist by appointment or during open tutoring.

Homework

Students will receive homework almost every night that should take an average of 20 minutes to complete. To allow everyone the opportunity to succeed in chemistry, homework will typically cover material that was introduced during class as well as spiral topics from old material. Homework will be checked daily for completion and effort. Random weekly homework quizzes will be given for correctness. **College Prep will be assigned for any incomplete or missing work, or if a student does not demonstrate mastery on a random homework quiz. If you don't know how to answer a problem, e-mail me! "I don't know" is not an excuse to have low quality homework.**

Late Work

All late work will receive an automatic 20% reduction whether it is one day late or a few weeks late. This is a firm policy. It makes it simple for me and for you. After a unit is complete late work will not be accepted.

That means:

- The highest grade you can get on a late assignment is 80% (that would be a perfect 100% if you turned it in on time)
- You can turn an assignment in a day late, or a few weeks late, as long as it's in the same unit.

Another important note about late work:

- If you are sick or out for personal reasons—you will receive the same quantity of days as a grace period to make up your work. (Life happens, right? Connect with me, so I can help you as needed)

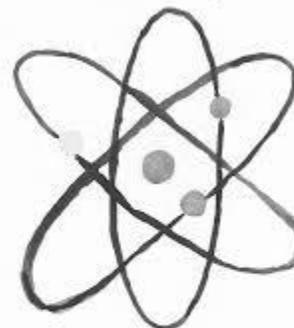
Retake Policy

- Homework: Late homework earns no credit (unless absent) However, homework completed in CP will *not* be counted as late, and will be accepted for full credit!
- Mastery Checks: Students are encouraged to retake mastery checks during **current** unit. Please schedule independently.
- Formatives: Formatives may be retaken for up to 100%. If you choose to retake a formative, you will receive the retake grade regardless of whether it is higher (and the formative may be more difficult).
- Summatives: Summatives may not be retaken. This policy may be adjusted for new to DSST 10th graders during Tri 1.

Availability

- Mandatory Tutoring: By appointment or during set tutoring hours (they rotate).
- Formative Corrections/Formative Retakes: Thursday or Friday during lunch.
- Additional Help: By appointment (Please reach out if you have any questions!)

Don't Trust Atoms



They Make Up Everything

Responsibility ♦ Respect ♦ Curiosity ♦ Courage ♦ Integrity ♦ Doing Your Best